

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Shiv Naimpally on 09/07/10.

2. The application has been amended as follows:

IN THE CLAIMS:

Claim 1, line 9, the limitation "to the DSL modem;" has been replaced by --- to the DSL modem via a point-to-point protocol over Ethernet (PPPoE) connection; ---.

Claim 1, line 13, the limitation "to the remote after detecting" has been replaced by --- to the remote in response to detecting ---.

Claim 1, line 16, the limitation "network; and" has been replaced by --- network; disconnecting the network connection over the DSL line to the remote network in response to receiving a second user command to disconnect the PPPoE connection; ---.

Claim 1, line 18, the limitation "connection is disconnected." has been replaced by --- connection is disconnected;

assigning a dynamic lease to the powered-on network capable device;

determining when the dynamic lease expires; and

disconnecting the network connection over the DSL line after detecting that the dynamic lease has expired. ---.

Claim 13, line 2, the limitation "the presence of" has been replaced by --- a presence of ---.

Claim 13, line 9, the limitation "to the DSL router; and" has been replaced by --- to the DSL router via a point-to-point protocol over Ethernet (PPPoE) connection and, in response to receiving a second user command to disconnect, the graphical activation display icon disconnects the PPPoE connection; and ---.

Claim 13, line 13, the limitation "the local network." has been replaced by --- the local network, wherein a dynamic lease is assigned to the powered-on network capable device and the network connection over the DSL line is disconnected in response to detecting that the dynamic lease has expired. ---.

Claim 17, line 5, the limitation "to a remote network; and" has been replaced by --
- to a remote network and to disconnect the subsequent connection to the remote network in response to determining that the dynamically assigned lease has expired; and ---.

Claim 17, line 7, the limitation "the presence of" has been replaced by --- a presence of ---.

Claim 17, line 14, the limitation "to the remote network; and" has been replaced by --- to the remote network via a point-to-point protocol over Ethernet (PPPoE) connection and, in response to receiving a second user command to disconnect, the graphical activation display icon disconnects the PPPoE connection; and ---.

Claims 2-4, 14-16, and 18-22 have been cancelled.

Allowable Subject Matter

3. The following is an examiner's statement of reasons for allowance:

Regarding claim 1, the prior art fails to teach a combination of the steps of:

detecting, at a DSL modem coupled to a local network, a presence of a powered-on network capable device that is connected to the DSL modem via the local network, the local network including at least one network capable device that contains a graphical activation display icon to illustrate a connection status of the powered-on network capable device with respect to the DSL modem wherein in response to receiving a user command, the graphical activation display icon selectively connects the powered-on network capable device to the DSL modem via a point-to-point protocol over Ethernet (PPPoE) connection; and disconnecting the network connection over the DSL line to the remote network in response to receiving a second user command to disconnect the PPPoE connection, in the specific combination as recited in the claim.

Regarding claim 13, the prior art fails to teach a combination of the steps of:

a digital subscriber line (DSL) router including connection detection logic to detect the presence of a powered-on network capable device that is connected to the DSL router via a local network, wherein the local network includes at least one network capable device that contains a graphical activation display icon to illustrate a connection status of the powered-on network capable device with respect to the DSL router, in response to receiving a user command, the graphical activation display icon selectively connects the powered-on network capable device to the DSL router via a point-to-point

protocol over Ethernet (PPPoE) connection and, in response to receiving a second user command to disconnect, the graphical activation display icon disconnects the PPPoE connection, in the specific combination as recited in the claim.

Regarding claim 17, the prior art fails to teach a combination of the steps of:
connection detection logic to detect the presence of a powered-on network capable device that is connected to the DSL router via the local network, wherein the local network includes at least one network capable device that contains a graphical activation display icon to illustrate a connection status of the at least one network capable device with respect to the remote network, in response to receiving a user command, the graphical activation display icon selectively connects the at least one network capable device to the remote network via a point-to-point protocol over Ethernet (PPPoE) connection and, in response to receiving a second user command to disconnect, the graphical activation display icon disconnects the PPPoE connection, in the specific combination as recited in the claim.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to TOAN D. NGUYEN whose telephone number is (571)272-3153. The examiner can normally be reached on M-F (7:00AM-4:30PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on 571-272-7872. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/T. D. N./
Examiner, Art Unit 2472

/William Trost/
Supervisory Patent Examiner, Art Unit 2472